

Thompsoni, and at the October meeting he exhibited specimens of the plant, and suggested a method of preventing its development, which, if adopted, may economize expenditure to the amount of thousands of dollars, for our own and other municipal authorities.

Finally, at our last meeting, several short communications were brought forward, among the most important of which were Dr. Tyson's exhibition and account of Echinococci, and Dr. J. H. McQuillen's observations on a remarkable case of Dilaceration of the Crown of an Incisor Tooth.

All of which is respectfully submitted,

JOS. G. RICHARDSON, *Recorder.*

REPORT OF CONSERVATOR OF CONCHOLOGICAL SECTION.

The Conservator of the Conchological Section respectfully reports that the donations to the Cabinet, during the past year, have been as follows :—

- BEADLE, Rev. E. R. *Nannina rareguttata*, Mous., from Insula Adenon and *Ariopanta intumescens*, Blandf., from Mahlablishvar, India.
- BERENDT EXPEDITION, Subscribers to. Five species of land and fresh-water shells from Central America.
- ENNIS, J. *Pecten tenuicostata*, Migh., from Mt. Desert Island, Maine.
- LEA, I. Eight species of *Unio*, and two species from Georgia and S. Carolina.

In addition the following have been presented to the Academy :—

- DALL, W. H. Types of three new species of *Mollusca* from California.
- ECKSTEIN, Dr. H. C. One hundred and twenty-eight species of shells from the South Pacific Islands.
- GABB, W. M. Fifty-two species of land shells from San Domingo.
- GARRETT, AND. Twenty-six species of *Cypræa*, from the Viti Islands. Forty species of *Neritidæ* and *Neretinidæ*, from the Viti Islands. Seven hundred and twenty-five species of Marine and Terrestrial Mollusca principally from the Viti Islands,

Central Pacific Ocean. In all, about three thousand specimens, including types of many new species.

LEA, I. *Unio incrassatus*, Lea, Georgia; and *Unio Forbesianus*, Lea, Abbeville Dist., S. C.

RUSCHENBERGER, Dr. W. S. W. Three species of Marine Mollusks from Porto Venere, Spezzia, and three species of *Helices* from Pompeii.

STEARNS, R. E. C. Fifty species Marine Mollusca, from Coast of California, principally new to the Academy's collection. Also types of several new species from Florida, to be described in the Academy's Proceedings.

WETHERBY, A. G. *Helix fallax*, Say, and *Goniobasis sordida*, Lea, Pearson's Creek, Mo.

WILLCOX, JOS. *Helix albolabris*, S. W. North Carolina.

The work of the Committee on the arrangement of the Cabinet has been prosecuted during the year with extraordinary industry, and it affords your Conservator lively satisfaction to be able to report the conclusion of the Committee's labors, and the complete arrangement of the collection of shells. At the end of 1872, 40,873 specimens of 6893 species had been supplied with 12,067 labels, and placed systematically in the cases. During the past year 35,606 specimens of 7268 species have been cleansed, oiled, and arranged in trays, and 12,218 labels written, thus showing a larger amount of work done in this one year than had been completed in the six preceding years. The collection is, probably, in every respect the finest in the world, and represents nearly all the good species described; a very large synonymy—amounting to, perhaps, several thousand names—being eliminated during the progress of arrangement. Many of the families and genera are very complete. Among those arranged this year, the Unionidae may be mentioned, consisting of 783 species and 3592 specimens contained in 1555 trays.

Dr. Hassler has continued to arrange the duplicate specimens for sale, and reports the total number of lots placed in the hands of Mr. Kline to December 4, to be 4936, valued at \$796. The total amount received from sales is \$171. This, together with sundry contributions from members, has been used in procuring 144 drawers, which have been placed under the horizontal cases to permit of the extended arrangement of the collection.

About 863 species have been sent to Chicago to assist in replacing the collection of the Chicago Academy of Sciences, lately destroyed by fire, and upwards of 100 additional species are now ready for transmission. These have all been correctly determined and named.

In thus announcing the completion of the labor of seven years, this report would not be complete if special mention were not made of the gentlemen who have devoted so much of their time and skill to the work. A bare statement of the fact that every one of the 14,161 species contained in the collection has been separately and carefully examined by Mr. Tryon, that he has determined nearly all the species not hitherto named, and verified the names already given, will be sufficient to show how much the Academy is indebted to him for his unflagging industry. To the taste and skill of Mr. Parker, who has thus employed most of the time not occupied by other duties, is mainly due the admirable manner in which the specimens are so arranged as to exhibit the specific characters without the necessity of handling. Mr. Roberts has also devoted much of his leisure time to the same work, while the report of what has been done by Dr. Hassler in the disposition of the duplicates, bears ample testimony to his industry.

It is already well known to the members of the Society that this labor has been entirely voluntary. It has been, in truth, a labor of love, and the elegance of the arrangement, no less than the comparative completeness of the collection, is sufficient evidence of the earnestness with which all concerned have fulfilled their self-imposed task.

All of which is respectfully submitted,

EDW. J. NOLAN, *Conservator*.

The election of Officers for the year 1874 was held in accordance with the By-Laws, with the following result:—

<i>President</i>	. . .	W. S. W. Ruschenberger, M.D.
<i>Vice-President</i>	. . .	Wm. S. Vaux, Jos. Carson, M.D.
<i>Recording Secretary</i>	. . .	Samuel B. Howell, M.D.
<i>Corresponding Secretary</i>	. . .	Edw. D. Cope.
<i>Librarian</i>	. . .	Edw. J. Nolan, M.D.

<i>Treasurer</i>	. . .	Wm. C. Henszey.
<i>Curators</i>	. . .	Jos. Leidy, M.D., Wm. S. Vaux, Geo. W. Tryon, Jr., Chas. F. Parker.
<i>Publication Committee</i>	. . .	Jos. Leidy, M.D., Wm. S. Vaux, Geo. W. Tryon, Jr., Edw. J. Nolan, M.D., W. S. W. Ruschenberger, M.D.
<i>Council</i>	. . .	Robt. Bridges, M.D., Edw. S. Whelen, J. L. LeConte, M.D., R. S. Kenderdine, M.D.
<i>Finance Committee</i>	. . .	A. H. Smith, Wm. S. Vaux, Robert Bridges, M.D.

ELECTIONS FOR 1873.

The following are the names of Members and Correspondents of the Academy of Natural Sciences elected during the year 1873.

MEMBERS.

January 7.—Dr. Chas. A. Siegfried, Rich. H. Townsend, M.D., Mrs. Caroline Pennock, Charles Macalester, Wm. B. Bement, Wm. Logan Fox.

January 28.—Thomas I. Yorke, Jr., Chas. Sinnickson, Howard N. Potts, Dr. John J. Sinnickson, Armon D. Trimble.

February 25.—Alfred Moore, John M. Hartman, Harry F. Baxter, M.D.

April 1.—Lewis Haehnlen, Nathaniel E. Janney, Peter C. Erben, Richard Peterson, Mrs. Levi Morris.

April 29.—John J. Macfarlane, Kingston G. Goddard, M.D., Augustus R. Hall.

May 27.—Dr. Thomas N. Penrose, U. S. N., C. Tower, Edward Wright, William Massey, Rev. Charles E. Betticher.